

## CLAIMS

1. Accessory that is intended to be mounted on the end of an outlet conduit (4) of an air blast device (1), this accessory being in the form of a tube mounted coaxially to the axis of the outlet conduit, this accessory being characterized in that the cross-sectional area of this tube decreases in the direction (F) in which the air is discharged, then increases, thus forming a convergent segment (A) followed by a divergent segment (B).

2. Accessory according to claim 1, characterized in that the area (E) of the inlet of the accessory is equal to the area (S) of the outlet

3. Accessory according to claim 1, characterized in that the area (S) of the outlet of the accessory is greater than this inlet area (E).

4. Accessory according to claim 1, characterized in that the ratio between the cross-section (D) measured at the cross-sectional level having the smallest area and the inlet cross-section (E) is greater than or equal to  $1/5$ .

5. Accessory according to claim 1, characterized in that the ratio between the cross-section (D) measured at the cross-sectional level having the smallest area and the inlet cross-section (E) is greater than or equal to  $1/3$ .



6. Accessory according to claim 1, characterized in that the ratio between the cross-section (D) measured at the cross-sectional level having the smallest area and the inlet cross-section (E) is between 0.6 and 0.8.

7. Accessory according to claim 1, characterized in that the ratio between the cross-section (D) measured at the cross-sectional level having the smallest area and the outlet cross-section (S) is greater than or equal to  $1/5$ .

8. Accessory according to claim 1, characterized in that the distance between the position of the cross-section (D) and the seat against which the valve rests is a maximum of one meter for a pressure of up to twelve bar.

9. Air blast device equipped with the accessory according to any of claims 1 through 7.